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RESEARCH PROJECTS IN THE SIERRA NEVADA, 1970 - 1973

Compiled by John Stanley

Edited by Ellen Absher

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PREFACE

The research studies listed in this report were identified from many sources. While a great deal of effort was put into assuring that all names, addresses, and study titles are correct, it must still be realized that a few incomplete or incorrect items may be included.

It is our hope that making this informal list of studies and researchers available will be useful to research activities in the Sierra Nevada.

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INVESTIGATOR	TITLE OR TOPIC	ADDRESS
ARCHAEOLOGY		
Elston, Robert	Archaeology of the Washoe.	Nevada Archaeological Survey Reno, Nevada 89507
Hardesty, Donald L.	The archaeology of Little Valley, Washoe County, Nevada.	Dept. of Anthropology University of Nevada Reno, Nevada 89507
Sheets, Payson D.	Archaeological surveys, with a focus on ancient adaptation to the high altitude (between 7,000 and 9,000 feet) and the obsidian trade and technology.	Dept. of Anthropology Fresno State University Fresno, CA. 93710
	Investigation of a prehistoric Indian habitat in the area of Clark's Flat, Stanislaus River, Calaveras County.	Dept. of Archaeology University of California Davis, CA. 95616
BOTANY		
Adams, W.	Population genetic studies involving self-pollinated species of annuals, Yosemite National Park.	University of California Davis, CA. 95616
Axelrod, Daniel	Paleobotanical excavation of wet-coastal flora fossilized beneath a volcanic mudflow in the Mt. Reba area of Alpine County.	Dept. of Geology University of California Davis, CA. 95616
Beguin, Claude	Vegetation of the Grass Lake Area.	Dept. of Botany Neuchatel, Switzerland
Billings, D. W.	Piute Pass transect.	Dept. of Botany Duke University Durham, North Carolina
Burley, Bill, Marsh Pitman, Rex Palmer, and Bill Davilla	Compilation of a species list of alpine vegetation in the Yosemite region.	Box 665 Yosemite National Park Yosemite, CA. 95389
Chabot, Brian F. and D. W. Billings	Origins and ecology of the Sierran alpine flora and vegetation.	Dept. of Botany Duke University Durham, North Carolina
Chan, F.	Propagation of native plants for highway planting, Yosemite National Park.	University of California Davis, CA. 95616

BOTANY (continued)

Davilla, William	Vegetative mapping and ecology of the flora of Dana Plateau.	Dept. of Biological Science San Jose State University San Jose, CA. 95192
Davilla, William and Rexford Palmer	Flora of Mono County.	Dept. of Botany University of California Davis, CA. 95616
DeDecker, Mary	Flora of Owens Valley and the mountains on either side, including the high basins along the crests.	P. O. Box 506 Independence, CA. 93526
Furlow, J.	Taxonomic study of genus Alnus in North America, Yosemite National Park.	Michigan State University East Lansing, Michigan
Garland, Fred R.	Alpine vegetation with particular emphasis on the California alpine fell-field community.	Dept. of Geography Hayward State University Hayward, CA.
Gottlieb, L.	Genetic differentiation within Potentilla spp. and Stephanomeria spp., Yosemite National Park.	University of California Davis, CA. 95616
Heath, James P.	Vegetative changes on Boundry Hill Research Reserve (Yosemite National Park).	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Hecket, Larry and Theodore Niehaus	Flora of the Kern Plateau.	Jepson Herbarium University of California Berkeley, CA. 95720
Holland, V. L.	The canopy effect of Quercus douglasii (Blue oak) in the foothills of the Sierra, with special attention to the differences in the herbaceous vegetation under the canopy from that of adjacent open grassland areas.	Biological Sciences Dept. California Polytechnic State University San Luis Obispo, CA. 93401
Howell, John Thomas	Flora of the Sierra Nevada.	California Academy of Science San Francisco, CA.
Howell, John Thomas	The arctic-alpine flora of three peaks in the Sierra Nevada.	California Academy of Science San Francisco, CA.
Jamieson, D.	Monograph study of Hygrophynum smithii, Yosemite National Park.	University of British Columbia Vancouver, B.C. CANADA
Kiew, K.	Floret development of Orzyopsis spp. and Stipa spp., Yosemite National Park.	University of British Columbia Vancouver, B.C. CANADA

BOTANY (continued)

Klikoff, Lionel	Origins of the flora of Great Basin mountain ranges and determination if the flora is in equilibrium with the source areas, using the Wilson-MacArthur model.	Dept. of Botany Duke University Durham, North Carolina
Knapp, C. M.	A listing of species of alpine vegetation near Mt. Goddard.	Div. of Environmental Studies University of California Davis, CA. 95616
Knapp, C. M.	An investigation of the inter-relationships of alpine plant species in the Sierra Nevada.	Div. of Environmental Studies University of California Davis, CA. 95616
Myatt, Rod	Autecology of the Canyon live oak, Quercus chrysolepis.	Dept. of Botany University of California Davis, CA. 95616
Niehaus, Theodore	A biosystematic study of the genus Brodiaea (Amaryllidaceae).	1455 Spruce Berkeley, CA. 94709
Niehaus, Theodore	Sierra Wildflowers (Mt. Lassen to Kern Canyon).	1455 Spruce Berkeley, CA. 94709
Northington, Henry A.	Selected physical and chemical factors affecting re-vegetation on compacted trail soils, Yosemite National Park.	California State Polytechnic University San Luis Obispo, CA. 93401
Palmer, Rexford E.	A cytotaxonomic study of the genus Raillardella and its possible inclusion in the Madiinae.	Dept. of Botany University of California Davis, CA. 95616
Parsons, David J.	The introduction, spread and current status of exotic plants and animals within Sequoia and Kings Canyon National Parks.	Sequoia and Kings Canyon National Parks Three Rivers, CA. 93271
Pemble, Rich	Ecology of the vegetation around Slate Creek, Dana Plateau and Convict Creek.	Dept. of Botany University of California Davis, CA. 95616
Rundel, Philip W.	Primary succession on montane granite outcrops in the southern Sierra Nevada.	Dept. of Population and Environmental Biology University of California Irvine, CA. 92664
Sands, Peter	Alpine grasses of Yosemite National Park.	Route One, Box 2230 Davis, CA. 95616
Sands, Peter and Anne	Pictorial alpine flora of the Sierra.	Route One, Box 2230 Davis, CA. 95616

BOTANY (continued)

Savage, Wayne and Barbara Trowbridge	Preparation of taxonomic plant list of the Sagehen Basin.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Sharsmith, Carl W.	Sherwin Bowl ski area.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Smith, Gladys	Flora of the Lake Tahoe Basin.	University of California Extension Services Berkeley, CA. 94720
Stebbins, G. L.	National Landmark Registry Survey.	Institute of Ecology University of California Davis, CA. 95616
Taylor, Dean W.	A taxonomic survey of the genus Draba (Cruciferae) in the Sierra Nevada.	Dept. of Botany University of California Davis, CA. 95616
Taylor, Dean W.	The ecology of the timberline vegetation at Carson Pass, Alpine County.	Dept. of Botany University of California Davis, CA. 95616
Taylor, Dean W.	The flora of Alpine County.	Dept. of Botany University of California Davis, CA. 95616
Taylor, Dean W. and Rod Macdonald	Bog vegetation of Grass Lake (Luther Pass area), El Dorado County.	Dept. of Botany University of California Davis, CA. 95616
True, Gordon	Flora of Nevada County.	California Academy of Science San Francisco, CA.
Twisselmann, Ernest	Flora of the Kern Plateau.	The Kern Plateau Assoc. Bakersfield, CA.
VanKat, John	The early history of the Sequoia and Kings Canyon National Parks as it pertains to the vegetation.	Dept. of Botany University of California Davis, CA. 95616
VanKat, John	The pristine vegetation conditions of Sequoia National Park. (Contract work for NPS)	Dept. of Botany University of California Davis, CA. 95616
Wallace, Gary	Biological study of the genera of Monotropoideae.	Rancho Santa Anna Botanic Garden Claremont, CA. 91711
Watson, T.	Plant pathology detection survey, Yosemite National Park.	Bureau of Plant Pathology California Dept. of Agriculture Sacramento, CA.

BOTANY (continued)

West, L.	Vegetative manipulation, Mariposa Grove, Yosemite National Park.	Yosemite National Park Yosemite, CA. 95389
Williams, Kathy	Flora of Plumas-Eureka State Park.	Dept. of Botany University of California Davis, CA. 95616
	Transplantation of vegetation from high alpine areas to lower elevations, Harvey Monroe Hall Natural Area.	Carnegie Institute of Washington Stanford University Stanford, CA. 94305

ENTOMOLOGY

Cottam, R.	Character patterns of beetles in relation to river systems, Yosemite National Park.	San Jose State University San Jose, CA. 95192
Coyle, Fredrick A.	Taxonomy of Mygalomorph spiders.	Dept. of Biology Western Carolina Univ. Cullowhee, N. C. 02138
Dailey, Charles C.	Cynipid gall-forming wasps on oaks and roses.	Life Science Department Sierra College 5000 Rocklin Road Rocklin, CA. 95677
David, Charles	Behavior and ecology of carpenter ants, Camponotus spp., with reference to their effect on the ecology of Sequoia Groves, their role in causing structural failure in Sequoia trees, and the factors (including the impact of people) controlling the ant populations.	Div. of Entomology and Parasitology University of California Berkeley, CA. 94720
Gilbert, Arthur J.	Gypsy moth study, Yosemite National Park.	California Dept. of Agriculture Division of Plant Industry 2550 Mariposa Street Room 3081 Fresno, CA. 93721
Guiliani, Derham	Insects in the southeastern Sierra.	Box 265 Big Pine, CA. 93513
Guiliani, Derham	Insects of the Big Pine area.	Box 265 Big Pine, CA. 93513
Hackwell, Glenn A.	A revision of the genus Panurginus (Hymenoptera: Andrenidae).	Dept. of Biological Sciences Stanislaus State College Turlock, CA. 95380

ENTOMOLOGY (continued)

Hom, John	Plants and their insect predators.	Carnegie Institute of Washington Governor's Ave. and Searsville Road Stanford, CA. 94305
Jackson, David M.	Systematics of the genus Antirrhinum.	Dept. of Biology New Mexico State Univ. Box 3 AF Las Cruces, N. M. 88001
Koerber, Tom	Lodgepole pine needle miner ecology and control, Tuolumne Meadows, Yosemite National Park.	U. S. Dept. of Agriculture, Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Papp, Richard P.	Acridiae (grasshoppers) of the Sierra Nevada.	Dept. of Entomological Sciences Div. of Biol. Control University of California Berkeley, CA. 94720
Papp, Richard P.	Insect-plant associations in the Harvey Monroe Hall Natural Area.	Dept. of Entomological Sciences Div. of Biol. Control University of California Berkeley, CA. 94720
Papp, Richard P.	Insects and other Arthropods associated with glaciers and snowfields.	Dept. of Entomological Sciences Div. of Biol. Control University of California Berkeley, CA. 94720
Prakash, S.	Genetics of Drosophila spp., Yosemite National Park.	University of Chicago Chicago, Illinois
Smith, Edward L.	Sawfly galls of Sierra willows.	Dept. of Entomology University of California Berkeley, CA. 94720
Stecker, Ronald E.	Insects in a Redwood forest (Sequoia National Park).	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Wangberg, James K.	Cynipid gallmaker on Thimbleberry occurring in the Sierra.	Humboldt State University Arcata, CA. 95521
Wehrlie, Lynn J.	Vegetation analysis of the eastern slope of the Tahoe Basin.	Dept. of Biology University of Nevada Reno, Nevada 89507

ENTOMOLOGY (continued)

Wood, David L. and Charles David	The role of carpenter ants in causing structural failure in Giant Sequoia.	Dept. of Entomological Sciences University of California Berkeley, CA. 94720

ENVIRONMENTAL IMPACT STUDIES

Douglas, Dorothy	The effects of ski areas on the high subalpine and alpine vegetation of the Sierra.	Dept. of Botany University of California Berkeley, CA. 94720
Higgins, H.	Sierra Valley Environmental Study, Plumas and Sierra Counties.	Dept. of Water Resources Central District Sacramento, CA.
Maxey, John	The effects of air pollution on trees in the Tahoe Basin.	Dept. of Plant, Soil, Water Science University of Nevada Reno, Nevada 89507
Nordmark, John	Mammoth Basin study.	University of California Los Angeles, CA.
Patterson, Clair C., et. al.	Determination of biological discrimination factors for metals within natural ecosystems, Yosemite National Park.	Div. of Geological Planetary Sciences California Inst. of Tech. Pasadena, CA. 91109
Sharsmith, Carl W.	Badger Pass Ski area.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Sharsmith, Carl W.	Sherwin Bowl Ski area.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
	Stream habitat studies; effects of water development projects on Sierra streams.	California Dept. of Fish and Game (Region 4) 1234 East Shaw Ave. Fresno, CA. 93726
	Grouse Lakes environmental study.	Tahoe National Forest Highway 49 Nevada City, Nevada 95959
	Environmental statement, Kirkwood Winter Sports Development.	U.S.D.A., Forest Service El Dorado National Forest Placerville, CA. 95667
	Round-Top Study.	U.S.D.A., Forest Service El Dorado National Forest Placerville, CA. 95667

FIRE ECOLOGY

Agee, James K. and H. H. Biswell	Effects of prescribed fires on physical and hydrological properties of mixed conifer litter, duff, and soil.	School of Forestry and Conservation University of California Berkeley, CA. 94720
Biswell, H. H.	Development and maintenance of prescribed conditions in Big Tree forests, Whitaker's Forest-Redwood Mountain.	School of Forestry and Conservation University of California Berkeley, CA. 94720
Biswell, H. H.	The role of fire in forest and brushland development in the Sierra.	School of Forestry and Conservation University of California Berkeley, CA. 94720
Cotton, Lin	Visual aspects of prescribed burning and manipulation in Sequoia-mixed conifer forests (Sequoia National Park).	School of Forestry and Conservation Agricultural Exper. Stat. University of California Berkeley, CA. 94720
Donaghey, Judith	The properties of heated soils and their relationships to Giant Sequoia (Sequoiadendron gigantium) germination and seedling growth.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Hartesveldt, R. J. and H. T. Harvey	Giant Sequoia fire ecology.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Kilgore, Bruce M.	Fire's role in a Sequoia forest.	Associate Director Professional Support Western Regional Office National Park Service 450 Golden Gate Ave. San Francisco, CA. 94102
Kilgore, Bruce M. and George S. Briggs	Restoring fire to high elevation forests in California.	Sequoia-Kings Canyon National Parks Ash Mountain Three Rivers, CA. 93271
Parsons, David J.	History and ecological role of fire in the low elevation regions of Sequoia and Kings Canyon National Parks.	Research Biologist Sequoia-Kings Canyon National Parks Ash Mountain Three Rivers, CA. 93271
Rundel, Philip W. and T. V. St. John	Influence of fire on the nutrient status of Giant Sequoia forest soils.	Dept. of Population and Environmental Biology University of California Irvine, CA. 92664

FIRE ECOLOGY (continued)

Taylor, Dan and Bruce M. Kilgore	Fire frequency in the Sequoia-mixed conifer forest, Sequoia-Kings Canyon National Parks.	Sequoia-Kings Canyon National Parks Ash Mountain Three Rivers, CA. 93271
van Wagtendonk, Jan W.	Fire and fuel relationships in mixed conifer ecosystems, Yosemite National Park.	Research Biologist Yosemite National Park P. O. Box 577 Yosemite, CA. 95389
Wakimoto, Ron	Fuel accumulation and smoke studies in Sequoia-mixed conifer forest (Sequoia-Kings Canyon National Parks.)	School of Forestry and Conservation University of California Berkeley, CA. 94720

FOREST ENTOMOLOGY

Bega, R. V.	Biology and control of diseases of conifer forests of California.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Cobb, F. W., Jr. and D. L. Wood	Relationships between root pathogens, their hosts and attack by bark beetles.	Dept. of Entomology University of California Berkeley, CA. 94720
Dahlsten, D. L.	Classification, bionomics, ecology control of forest insects (other than Scolytidae) in California.	Dept. of Entomology University of California Berkeley, CA. 94720
Dahlsten, D. L.	Population dynamics of forest defoliators.	Dept. of Entomology University of California Berkeley, CA. 94720
Koerber, Tom	Needleminer ecology and control, Yosemite National Park.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Parmeter, J. R., Jr.	Nature and control of forest tree diseases.	Dept. of Plant Pathology University of California Berkeley, CA. 94720
Smith, Richard H.	Biology, ecology, and control of forest insects in California.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701

FOREST ENTOMOLOGY (continued)

Smith, Richard H.	Biology, ecology, and control of Lodgepole needleminer, cone and seed insects.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Wood D. L.	Classification, bionomics, ecology and control of bark beetles (family: Scolytidae) infesting California.	Dept of Entomology University of California Berkeley, CA. 94720

FORESTRY

Bailey, D. K.	The phytogeography and taxonomy of Pinus subsection Balfourianae.	1441 Bluebell Avenue Boulder, Colorado 80302
Berg, Donald J. and Jack W. Hickey	Big trees, carpenter ants and man: patterns of human impact on the Giant Sequoia ecosystems.	Dept. of Geography University of California Berkeley, CA. 94720
Bonnicksen, Thomas	Sociological pattern in mixed conifer forest (Sequoia National Park).	School of Forestry and Conservation University of California Berkeley, CA. 94720
Brooks, William H.	A comparative ecological study of the southern Sierra Nevada foothills in the Kaweah River drainage area with primary emphasis on determining reasons for the apparent decline in Blue Oak (Quercus douglasii) in the oak-savanna vegetation type.	6062 East Eli Street Tucson, Arizona 85711
Colwell, R. N.	Aerial photo specifications for forestry.	Dept. of Forestry and Conservation University of California Berkeley, CA. 94720
Critchfield, W. B.	Profiles of California vegetation.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Davilla, William	Firewood production of subalpine forest species in the Sierra Nevada.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192
Hartesveldt, R. J. and H. T. Harvey	The Giant Sequoias of the Sierra Nevada.	Dept. of Biological Sciences San Jose State University San Jose, CA. 95192

FORESTRY (continued)

Heller, R. C.	Remote sensing and survey of the forest environment.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
King, J. P.	Genetics of western conifers.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
La Marche, Valmore C., Jr.	Pinus balfouriana.	Associate Professor of Dendrochronology University of Arizona Tucson, Arizona
Lepper, Mary	Pinus flexilis.	Dept. of Botany University of California Davis, CA. 95616
MacDonald, Roderick	Physiology and structure of the Red Fir, Jeffrey Pine, Lodgepole Pine, meadow, fen, and floating peat bog communities of the Grass Lake Area (near Luther Pass).	Dept. of Botany University of California Davis, CA. 95616
Mastrogiuseppe, Ronald J.	Geographic variation in Foxtail Pine, Pinus Balfouriana.	P. O. Box 2246, CS Pullman, Washington 99163
Piirto, Douglas D., W. W. Wilcox, J. Parmeter, F. Cobb, D. Wood, C. David, and B. Uhrenholdt	Investigation of the structural failure occurring in the Giant Sequoia tree of Sequoia-Kings Canyon National Park.	Forest Products Lab. School of Forestry and Conservation University of California Berkeley, CA. 94720
Potter, Sandy	Northernmost Sequoiadendron groves.	Dept. of Botany University of California Davis, CA. 95616
Powell, Douglas	Foxtail Pine in the high Sierra.	Dept. of Geography University of California Berkeley, CA. 94720
Roy, Douglass F.	Siliviculture of Sierra Nevada conifer types.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1615 Continental St. Redding, CA. 96001
Rundel, Philip W.	Habitat selection in Giant Sequoia.	Dept. of Population and Environmental Biology University of California Irvine, CA. 92664

FORESTRY (continued)

Vasek, F. C.	The composition, nature, distribution and relative reality of Jeffrey Pine forest communities.	Dept. of Botany University of California Riverside, CA. 92502
Wendt, Fritz	Gaseous exchange of conifers in Upper Sagehen Basin.	Desert Research Inst. University of Nevada Reno, Nevada 89507
Wilcox, W. W.	Incense Cedar pocket rot: effects of infection and biology of the causal fungus.	Forest Products Lab. School of Forestry and Conservation University of California Berkeley, CA. 94720

GEOLOGY

Bateman, Paul C.	Geologic mapping of the Tuolumne Meadows quadrangle.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Bateman, Paul C.	Geology of the central Sierra Nevada.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Birman, Joseph	Glacial geology of Sequoia-Kings Canyon National Parks.	Dept. of Geology Occidental College Los Angeles, CA. 90000
Brook, Charles	Stratigraphy and superposed deformations of a part of the Saddlebag Lake roof pendant, Sierra Nevada, California.	Dept. of Geology Fresno State College Fresno, CA. 93710
Curry, Robert T.	Pleistocene geology, Mammoth Lakes area.	Dept. of Geology University of Montana Missoula, Montana
Dickinson, William R.	Geologic mapping on the east slope in the Walker drainage (including graduate student research projects and results of summer field geology classes).	Dept. of Geology Stanford University Stanford, CA. 94305
Dodge, F. C.	Geochemical studies of Sierra Nevada batholith, Yosemite National Park.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Faverty, R.	Superficial geomorphology and paleoecology at Hardin Lake, Yosemite National Park.	San Francisco State University San Francisco, CA.

GEOLOGY (continued)

Fiske, Richard S.	Geology of Ritter Range roof pendant metavolcanic rocks.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Friedman, Jules	Thermal monitoring of three areas at Lassen Park.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Goldman, Charles R., Norman J. Hyne, Paul Chetminski, James E. Court, Donn G. Gorsline	Quaternary history of Lake Tahoe, California-Nevada.	Dept. of Zoology University of California Davis, CA. 95616
Hartford, J.	Study of Johnson quartz porphyry, Yosemite National Park.	Case Western Reserve University Cleveland, Ohio
Hibbard, M. J.	Origin of porphyritic textures in the Sierra Nevada, Yosemite National Park.	University of Nevada Reno, Nevada 89507
Hietanen, Anna	Geologic mapping and petrologic and structural study of igneous and metamorphic rocks in the Pulga, Bucks Lake, Bruch Creek, Cascade, American House, Clipper Mills, Strawberry Valley and Berry Creek quadrangles around the Feather River and its tributaries.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Holman, W.	Exfoliation studies, Yosemite National Park.	University of California Los Angeles, CA.
Jared, R.	Element 114 surveys, Yosemite National Park.	Lawrence Radiation Lab. Berkeley, CA.
Jones, B.	Glacier studies, Yosemite National Park.	Yosemite National Park Yosemite, CA. 95389
Kane, Phillip	Glaciation studies of Lassen Park.	Lassen Volcanic National Park Mineral, CA. 96063
Kistler, Ronald W.	Dating of metamorphosed volcanic rocks in the intruded wall rocks and roof pendants (particularly in the Ritter Range) by the Rb-Sr technique.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Kistler, Ronald W.	Geochronology of Sierra plutonic rocks.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025

GEOLOGY (continued)

Lockwood, John P.	Geology of Shaver Lake quadrangle.	United States Geological Survey 345 Middlefield Road Menlo Park, Ca. 94025
Moore, James G.	Geology of Kings Canyon National Park and Monarch Wilderness.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Morgan, Benjamin A.	Geology of metamorphic rocks near Sonora.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Nokleberg, Warren	Geology of the Log Cabin Mine roof pendant (near Lee Vining), Sierra Nevada, California.	Dept. of Geology Fresno State University Fresno, CA. 93710
Nokleberg, Warren	Geology of the Strawberry Tungsten Mine roof pendant, central Sierra Nevada, California.	Dept. of Geology Fresno State University Fresno, CA. 93710
Patterson, C.	Geochemical studies of background level metals (Yosemite National Park).	California Institute of Technology Pasadena, CA. 91109
Peck, Dallas L.	Geology of the Merced Peak and Yosemite 15' quadrangles.	United States Geological Survey Washington, D. C. 20242
Powell, Douglas R.	Sierra geography.	Dept. of Geography University of California Berkeley, CA. 94720
Robinson, Allen C.	Concentric variation in the Tuolumne intrusive series. (Fundamental petrologic variations of granitic rocks in Tuolumne Meadows area.)	Dept. of Geology Stanford University Stanford, CA. 94305
Russell, Stephen and Warren Nokleberg	Multiple deformation of the Mt. Morrison roof pendant, central Sierra Nevada, California.	Dept. of Geology Fresno State University Fresno, CA. 93710
Schmidt, Kenneth D.	Sequoia wood found in alluvium of the San Joaquin Valley.	229 East Dayton Fresno, CA. 93705
Smith, W. R.	Origin of K-feldspar crystals in Cathedral Peak granite, Yosemite National Park.	University of California Berkeley, CA. 94720
Stout, Martin L.	Geologic mapping by classes and students (south of Lake Isabella, Mineral King Valley and Tioga Pass area).	Dept. of Geology Los Angeles State Univ. 5151 State College Drive Los Angeles, CA. 90032

GEOLOGY (continued)

Trent, Dee D.	Glaciology of the eastern Sierra.	University of Arizona Tucson, Arizona
Trent, Dee D.	Structural geology of the Upper Rock Creek area, Inyo County, California, and its relation to the regional structure of the Sierra Nevada.	Dept. of Geology Citrus College 18824 East Foothill Blvd. Azusa, CA. 91702
Uniedt, Stanley	Mapping of Lilburn Cave and the Karst of Redwood Canyon, Sequoia-Kings Canyon National Parks.	Southern California Grotto National Speleological Society 231 Sunnyside Ave. Piedmont, CA. 94611
Wahrhaftig, Clyde	Bedrock and glacial geology of the Tower Peak Quadrangle (northern Yosemite Park, Emigrant Basin Primitive area, and the headwaters of the West Walker River).	Dept. of Geology University of California Berkeley, CA. 94720
Ward, Peter L.	Volcanic activity monitoring at Lassen Park.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025
Ward, Peter L., Jerry Eaton, Elliot Endo, David Harlow, Daniel Marquez and Rex Allen	Establishment test and evaluation of a prototype volcano-surveillance system (Lassen and others).	United States Geological Survey National Center for Earthquake Research 345 Middlefield Road Menlo Park, CA. 94025
Winsor, Mark	Weathering forms in granitic rocks in the Sierra.	Dept. of Geography University of Wisconsin Madison, Wisconsin
Wood, Spencer	Preliminary Holocene volcanic ash chronology for the Yosemite National Park region of the Sierra Nevada, CA.	Div. of Geological and Planetary Science California Inst. of Tech. Pasadena, CA. 91109
	Geological survey of the Hoover Wilderness Area.	Dept. of Geology Humboldt State University Arcata, CA. 95521
	Stress measurements on granite, Yosemite National Park.	United States Geological Survey 345 Middlefield Road Menlo Park, CA. 94025

HERPETOLOGY

Bassey, Harold	Behavior of sagebrush lizards.	Dept. of Biology Modesto Junior College Modesto, CA. 95350

HERPETOLOGY (continued)

Leopold, A. Starker	The effects of garter snakes on vole populations and on meadow ecology.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Morton, Martin L.	Energetic problems of animals (Yosemite toads) at high altitude. (Tioga Pass area).	Dept. of Botany Occidental College Los Angeles, CA. 90041
Peak, Roger	Reptiles in the Sierra Nevada.	55 Broad Street, #107 San Luis Obispo, CA.
Pister, Phil	Sierra Nevada reptiles and amphibians.	California Dept. of Fish and Game 407 West Line Street Bishop, CA. 93514

HYDROLOGY

Anderson, J.	The impact of ski area development on Heavenly Valley Creek.	U.S.D.A., Forest Service Lake Tahoe District Nevada City, Nevada
Erman, Don	Physico-chemical properties and invertebrate life of bogs in the Sagehen Creek area, with emphasis on relationships of their contribution to productivity of the stream.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Fordham, John	Research and analysis of hydrology of Truckee meadows.	Desert Research Instit. University of Nevada Reno, Nevada 89507
Humphrey, John	Variation in snowpack density and structure with environmental conditions.	Renewable Natural Res. College of Agriculture University of Nevada Reno, Nevada 89507
Krammes, J. S.	Flood and sediment reduction in the coniferous timber zone in California	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1651 Rossow St. Arcata, CA. 95521
Krole, Carl	The impact of ski areas and highway related siltation on selected Tahoe Basin creeks.	United States Geological Survey Carson City, Nevada
Leopold, Luna	Bank erosion, bar deposition, and scouring along Sagehen Creek.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720

HYDROLOGY (continued)

Matthews, R.A. and Charles Schwarz	Lake Tahoe Basin--a preliminary bibliography (Special publication 36, 102 pp., 1969).	State of California Resources Agency Dept. of Conservation and Div. of Mines and Geology Sacramento, California
Sharp, John V. A.	Arid basin management model with concurrent quality and flow constraints.	Center for Water Resources Research Desert Research Instit. University of Nevada Reno, Nevada 89507
Skau, C. M., J. H. Humphrey and R. O. Meeuwig	Water retention and movement in snowpacks on the east slopes of the Sierra Nevada.	Div. of Renewable Natural Resources University of Nevada Reno, Nevada 89507
Smith, J. L.	Management for improvement of water yield in the conifer zone of California.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701

ICTHYOLOGY

Blankenhorn, David H.	Fish heart study, Convict Lakes area.	University of California School of Medicine 2025 Zonal Avenue Los Angeles, CA. 91103
Christenson, Dan	Motorized vehicle access effects on backcountry lake fisheries. (Red Mountain area near Huntington Lake.)	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726
Erman, Don	Inter-relationships of fry of Brook and Rainbow trout.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Feldmeth, C. Robert	Fish physiology: Golden, Brown and Rainbow.	Claremont College Claremont, CA. 91711
Feldmeth, C. Robert and T. M. Jenkins, Jr.	Measurements of energy expenditure of Rainbow trout in a small mountain stream.	Claremont College Claremont, CA. 91711
Foster, James	Golden trout stream survey, Kern Plateau.	Fisheries Biologist University of California Davis, CA. 95616

ICTHYOLOGY (continued)

Gall, Graham	Enzymological studies on genetic purity of Little Kern Golden trout.	Dept. of Animal Science University of California Davis, CA. 95616
Gard, R. and D. W. Seegrist	Production and harvest of trout in Sagehen Creek, California	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Gerstung, E., R. Wagner and F. Worthley	Reconnaissance of the fish and wildlife resources of Grouse Lakes Study Area.	California Dept. of Fish and Game Region 2 1101 Jedsmith Drive Sacramento, CA. 95819
Harms, D.	Piute trout restoration, Yosemite National Park.	Yosemite National Park Yosemite, CA. 95389
Jenkins, T. M., Jr., C. R. Feldmeth, and G. V. Elliott	Feeding of Rainbow trout (Salmo gairdneri) in relation to drifting invertebrates in a mountain stream.	Claremont College Claremont, CA. 91711
Moyle, P. B.	Ecology of fishes of the Sierra.	Dept. of Biology Fresno State University Fresno, CA.
Nicola, Steven	Beardsley Reservoir fishery study; growth and survival of planted fingerling salmonids.	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726
Pister, Phil	Trout life history studies	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726
Pister, Phil, Dan Christenson, and Phil Bartholomew	Golden trout studies (Kern Plateau, Little Kern River, Bear Creek Drainage).	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726
Schreck, Carl B. and Robert J. Behnke	Trouts of the Upper Kern River Basin, California, with reference of systematics and evolution of western North American Salmo.	Dept. of Fisheries and Wildlife Sciences Virginia Polytechnic Inst. and State University Blacksburg, Virginia 24061
Seegrist, D. W. and R. Gard	Effects of floods on trout in Sagehen Creek, California.	Sagehen Creek Field Stat. School of Forestry and Conservation University of California Berkeley, CA. 94720

ICHTHYOLOGY (continued)

von Geldern, Charles	Catchable trout studies; the return of planted trout to the angler in several Sierra lakes and streams	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726
	Piute trout and Silver King Creek.	California Dept. of Fish and Game Region 2 1101 Jedsmith Drive Sacramento, CA. 95819
	Routine fish management studies; including backcountry lake surveys, angler surveys, fish population sampling, catchable trout studies, and habitat studies.	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726

LIMNOLOGY

Eaton, Bill	The impact of human usage on a high Sierra lake system.	Joint Science Depts. Claremont College Claremont, CA. 91711
Goldman, Charles R.	Synoptic study of accelerated eutrophication in Lake Tahoe, and studies of surface sediments in Lake Tahoe.	Dept. of Zoology University of California Davis, CA. 95616
Myrup, L., Peter Richerson, and Tom Powell	Lake plankton, Lake Tahoe, California.	Institute of Ecology University of California Davis, CA. 95616
Reimers, Norman	Limnological research and general fishery research.	Sierra Nevada Aquatic Research Laboratory Rt. 3, Box 198 Bishop, CA. 95314
Vinyard, William	Algal-limnological study of the Rae Lakes Basin, Sequoia-Kings Canyon National Parks.	Dept. of Biology Humboldt State University Arcata, CA. 95521
Wrigley, Robert	Limnological studies of Upper Truckee River and Ward Creek (Tahoe Basin).	Ames Research Center Moffett Field Sunnyvale, CA.

MAMMALOGY

Ashcraft, Gordon	Statewide deer habitat evaluation.	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726

MAMMALOGY (continued)

Basey, Harold	Black bear ecology (Sequoia National Park).	Dept. of Biology Modesto Junior College Modesto, CA. 95350
Basey, Harold	Yosemite co-operative deer studies.	Dept. of Biology Modesto Junior College Modesto, CA. 95350
Bertram, Ron	North Fork Kings deer herd management plan (Sierra National Forest).	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93726
Dunaway, Dave	Bighorn sheep.	U.S.D.A., Forest Service Inyo National Forest 2957 Birch St. Bishop, CA. 93514
Fitzgerald, B. Michael	The role of predation by weasels in population changes of Microtus montanus.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Hansen, Charles G.	Feasibility of the restoration of California Bighorn in Yosemite and Sequoia-Kings Canyon National Parks.	Co-operative National Park Resources Study Unit Dept. of Biological Sci. University of Nevada Reno, Nevada 89507
Harms, D.	Ecological requirements of Mule deer, Yosemite National Park.	Yosemite National Park Yosemite, CA. 95389
Hawthorne, Vernon M.	Movements and food habits of coyotes in the Sagehen Creek Basin and vicinity.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Hawthorne, Vernon M.	Population dynamics and food habits of chipmunks, Golden-mantled ground squirrels, and deer mice.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Heller, Craig	Lodgepole chipmunk study, Harvey Monroe Hall Natural Area.	Stanford University Stanford, CA. 94305
Hubbard, Richard L.	Ecology of high Sierra wildlife habitat.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "O" St. Fresno, CA. 93721
Larsson, Enid	Chipmunks in the eastern Sierra (Big Pine area).	170 Flower Alley Big Pine, CA.

MAMMALOGY (continued)

Lawrence, George	Effects of Sequoia forest manipulation of deer habitat.	Bakersfield Community College 1801 Panorama Bakersfield, CA. 93305
Leopold, A. Starker and Sheila Byrne	Movements and behavior of chipmunks and Golden-mantled ground squirrels.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Morton, Martin L.	The reproductive biology of Belding ground squirrels (Tioga Pass area).	Dept. of Biology Occidental College Los Angeles, CA. 90041
Morton, Martin L., et. al.	Energetic problems of animals (Belding ground squirrels) at high altitude (Tioga Pass area).	Dept. of Biology Occidental College Los Angeles, CA. 90041
Newberry, David	Research on rare or endangered fur-bearing species in the Sierra.	Dept. of Zoology University of California Davis, CA. 95616
Parsons, David J.	Sierra Bighorn ecology.	Research Biologist Sequoia-Kings Canyon National Parks Ash Mountain Three Rivers, CA. 93271
Pattee, Henry	Cattle-deer forage conflict (Sierra National Forest).	California Dept. of Fish and Game, Region 4 1234 East Shaw Avenue Fresno, CA. 93726
Pattee, Oliver, Arthur Staebler, and D. L. Neal	Spring and summer diets of deer and cattle.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "O" Street Fresno, CA. 93721
Pengelley, E. T.	Exogenous and endogenous factors affecting hibernation in the Golden-mantled ground squirrel. (Mammoth Lakes area)	Dept. of Botany University of California Riverside, CA. 92502
Salwasser, Harold J.	North Kings deer herd: fawn production and survival study.	Dept. of Biology Fresno State University Fresno, CA. 93710
Schmeggs, Edward R. and George Franklin	The Mineral King deer herd.	U.S.D.A., Forest Service 630 Sansome St. San Francisco, CA. 94111

MAMMALOGY (continued)

Shellhammer, Howard	Squirrels in Sequoia forests (Sequoia National Park).	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
Smith, Andrew T.	The biology of the pika, Ochotona princeps (South Fork of Bishop Creek area and elsewhere).	Dept. of Biology University of Utah Salt Lake City, Utah
Taylor, David	Growth, decline, and equilibrium in a beaver population at Sagehen Creek, California.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Weston, Henry	The role of wild animals in the clean-up of backcountry campsites.	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
White, Jennifer	Deep population movements.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Williams, Daniel F.	Population dynamics of bat populations in the Sierra Nevada foothills.	Dept. of Biological Sci. Stanislaus State College Turlock, CA. 95380
Williams, Daniel F.	Seasonal and daily activity patterns of bat populations.	Dept. of Biological Sci. Stanislaus State College Turlock, CA. 95380
Wright J. W.	The mountain beaver, Aplodontia rufa, of Sequoia and Kings Canyon National Parks.	Biological Sciences Feather River College P. O. Box 1110 Quincy, CA. 95971
	Routine wildlife management studies; including habitat studies, wildlife surveys, and hunter surveys.	California Dept. of Fish and Game 1234 East Shaw Avenue Fresno, CA. 93276

MEADOWS

Antell, Steve	Man's modification of the alpine environment (Sierra).	3300 Via Palomino Palos Verdes, CA. 90274
Boche, Kenneth E.	An investigation into physical factors affecting the locations of meadows and forests in the coniferous forest region of Yosemite National Park, California.	Dept. of Geography University of California 405 Hilgard Los Angeles, CA. 90024

MEADOWS (continued)

Clayton, Bruce and Harold Latimer	The composition of mountain meadows, Sierra National Forest.	Dept. of Biology Fresno State University Fresno, CA. 93710
Debennedetti, Steven	Update on 1957 Sharsmith report on the status of mountain meadows in Sequoia National Park.	Humboldt State University Arcata, CA. 95521
Dunaway, Dave	Endangered, rare, and unique species of the Inyo National Forest.	Wildlife Biologist Inyo National Forest 2957 Birch St. Bishop, CA. 93514
Eckert, R.E., Jr.	Mountain meadow restoration study.	Division of Renewable Natural Resources University of Nevada Reno, Nevada 89507
Giffen, A., C. M. Johnson, and P. Zinke	Ecological study of meadows in Lower Rock Creek, Sequoia National Park.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "0" St. Fresno, CA. 93721
Hobbs and Kemper	Meadow formation deposits, Yosemite National Park.	Yosemite National Park Yosemite, CA. 95389
Hubbard, Richard L.	Ecology and management of California rangelands for livestock and wildlife use.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "0" St. Fresno, CA. 93721
Klieforth, Harold E.	The application of ERS data to arid regions.	Desert Research Institute University of Nevada Reno, Nevada 89507
Lemons, John	The impact of visitor use upon subalpine and alpine meadows of Yosemite National Park.	Dept. of Zoology and Physiology University of Wyoming Laramie, Wyoming 82070
Palmer, Rexford	Effects of human foot traffic on alpine meadows in the Sierra Nevada.	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
Palmer, Rexford	Methods of revegetating trails through subalpine meadows, Yosemite National Park.	Dept. of Botany University of California Davis, CA. 95616
Ratliff, Raymond D.	Decomposition rates of meadow herbage in the central Sierra Nevada.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "0" St. Fresno, CA. 93721

MEADOWS (continued)

Ratliff, Raymond D.	Site classification of meadows of the central Sierra Nevada.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "O" St. Fresno, CA. 93721
Sharp, R. P. and Spencer Wood	Meadow stratigraphy and chronology, Sierra Nevada, California.	Div. of Geological and Planetary Sciences California Inst. of Tech. Pasadena, CA. 91109
Stanley, John T. and James Harvey	Bibliography of scientific literature dealing with the natural history of the Mineral King area.	Sierra Club Legal Defense Fund 220 Bush St. San Francisco, CA. 94014
Strand, Steve	Pack animal impact on wilderness meadows, Harvey Monroe Hall Natural Area.	Dept. of Biology University of California Davis, CA. 95616
Strand, Steve	Relationship of pack stock to changes in meadow ecology, Sequoia-Kings Canyon National Parks.	Dept. of Biology University of California Davis, CA. 95616
Wood, Spencer H.	Geologic history of meadows and meadow deposits, Yosemite National Park.	Div. of Geological and Planetary Sciences California Inst. of Tech. Pasadena, CA. 91109
Wood, Spencer H.	Preliminary Holocene volcanic ash chronology for the Yosemite National Park region of the Sierra Nevada, California.	Div. of Geological and Planetary Sciences California Inst. of Tech. Pasadena, CA. 91109
Zinke, Paul	Ecological study of meadows in Lower Rock Creek, Sequoia National Park.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Zinke, Paul and Raymond D. Ratliff	Mountain meadow management and carrying capacity, Sequoia-Kings Canyon National Parks.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. 1130 "O" St. Fresno, CA. 93721

METEOROLOGY

Atmospherics, Inc.	A high Sierra precipitation measurement program, Kings River Basin.	Atmospherics, Inc. 5652 East Dayton Fresno, CA. 93727

METEOROLOGY (continued)

Cooper, Charles F. and Warren A. Johnson	Environmental impact of snow augmentation (weather modification) in the Sierra.	Center for Regional Environmental Studies San Diego State University San Diego, CA. 92115
Dunaway, Dave	Wildlife resource analysis of the Cottonwood Creek Drainage.	Wildlife Biologist Inyo National Forest 2957 Birch St. Bishop, CA. 93514
Harper, John L.	Land-use and resource inventory, an analysis of the present patterns, and regional plan for the Sierra south of Tioga Pass.	Dept. of Geography Humboldt State University Arcata, CA. 95521
Klieforth, Harold E.	Mesoscale precipitation studies: defining the temporal and spatial distribution of rain and snowfall in the Reno-Lake Tahoe area.	Desert Research Inst. University of Nevada Reno, Nevada 89507
Klieforth, Harold E.	Preparation of a handbook on the geology, watershed, forestry, botany, wildlife, climatology, and archaeology of the Little Valley area.	Desert Research Inst. University of Nevada Reno, Nevada 89507
Skenfield, Michael W., et. al.	Inventory of plants, wildlife, soils, water sources, geologic features, human developments and present human use of Pacific Valley, Alpine County.	U.S.D.A., Forest Service P. O. Box 138 Arnold, CA. 95223
Skenfield, Michael W.	Inventory of resources in the Pacific Valley area, Stanislaus National Forest.	U.S.D.A., Forest Service P. O. Box 138 Arnold, CA. 95223

ORNITHOLOGY

Baldridge, Alan	Food content of owl pellets, Yosemite National Park.	1132 Seaview Avenue Pacific Grove, CA. 93950
Balgooyen, Tom	Observation of sparrow hawk nests in the Sagehen Creek area.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Beaver, Don	Comparison of avifaunas of burned and unburned forest areas near Sagehen Creek.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720

ORNITHOLOGY (continued)

Beck, Thomas W.	The effects of timber management activities on raptors and their habitat.	Stanislaus National Forest 175 South Fairview Lane Sonora, CA. 95370
Bock, C. E.	Breeding bird populations of burned and unburned conifer forests in the Sierra Nevada.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
Cash, James R.	Microhabitat and avian relationships on Exchequer Meadow.	Dept. of Biology Fresno State University Fresno, CA. 93710
Gale, Robert	Wildlife, snags and chainsaws: one aspect of habitat management.	U.S.D.A., Forest Service Klamath National Forest 1215 S. Main St. Yreka, CA. 96097
Holder, Glenn J.	Fall migrations of warblers.	Dept. of Biology Fresno State University Fresno, CA. 93710
Kohl, Jack	Osprey.	U.S.D.A., Forest Service Lassen National Forest Eagle Lake District Susanville, CA.
Morton, Martin L.	Breeding biology of mountain White-crowned sparrows (Tioga Pass area).	Dept. of Biology Occidental College Los Angeles, CA. 90041
Morton, Martin L.	The reproductive biology of White-crowned sparrows (Tioga Pass area).	Dept. of Biology Occidental College Los Angeles, CA. 90041
Spitler, Garth	Mineral King checklist.	Fresno Audubon Society 4104 Farrin Fresno, CA.
Wenzel, Edward	Nighthawk study (Fish Slough).	Dept. of Animal Physiology University of California Davis, CA. 95616
Wenzel, Edward	Prairie falcon (Bishop Creek drainage).	Dept. of Animal Physiology University of California Davis, CA. 95616
Weston, Henry	The role of birds in the clean-up of backcountry campsites.	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192

ORNITHOLOGY (continued)

White, Jennifer	Habitat needs on nesting juncos in the Sagehen Creek area.	Sagehen Creek Field Sta. School of Forestry and Conservation University of California Berkeley, CA. 94720
	Chicadee nesting study (Sentinel Meadows).	Dept. of Entomology University of California Berkeley, CA. 94720

PLANT AND ANIMAL DISTRIBUTION

Guiliani, Durham	Distribution of flora and fauna (Big Pine area).	170 Flower Alley Big Pine, CA.
Trowbridge, Barbara	Mapping of the vegetation of the Sagehen Creek basin.	Dept. of Biology University of California Berkeley, CA. 94720

SOIL

Colwell, Wilmer L., Jr.	Investigation of the distribution, productivity, and relationships of soils and vegetation in the wildland areas of Butte, Calaveras, Plumas and Tuolumne Counties.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Glaney, Patrick	Quantitative aspects of erosion of watersheds (Lake Tahoe Basin).	United States Geological Survey Carson City, Nevada
Zinke, Paul J.	Influence of forest vegetation on soil properties.	Forest Research Unit Division of Forestry University of California Berkeley, CA. 94720
Zinke, Paul J.	Nitrogen in the environment, Tahoe Basin.	Forest Research Unit Division of Forestry University of California Berkeley, CA. 94720

WATER QUALITY

Brown, John	Water quality, nutrient sources and precipitation in Lake Tahoe Basin.	University of Nevada Reno, Nevada 89057
Davis, Bill	Water quality research.	Lahontan Water Quality Control Board 407 West Line Street Bishop, CA.
Gibbs, Harrison L.	E. coli tests on lakes and streams in the Emigrant Basin.	Gibbs Ranch Sonora, CA.

WATER QUALITY (continued)

Gibbs, Harrison L.	E. coli tests on the Stanislaus River, Tuolumne county (and Emigrant Basin).	Gibbs Ranch Sonora, CA.
Gibbs, Harrison L.	Selective water study, Stanislaus National Forest and Emigrant Basin Primitive area.	Gibbs Ranch Sonora, CA.
Harpestad, Abe	Water quality research.	Union Carbide Corp. Route 2 Bishop, CA.
Interdisciplinary Team	Inyo National Forest water pollution report.	Inyo National Forest U.S.D.A., Forest Service 2957 Birch St. Bishop, CA. 93514
James, Gary	Human impact on high altitude lakes in Sequoia National Park.	Dept. of Population and Environmental Biology University of California Irvine, CA.
Orcutt, Richard G.	Planning for regional reclaimed waste-water utilization through simulation of oxygen levels in a river: a case study of the Carson River.	College of Engineering University of California Reno, Nevada 89057
Perrine, R. L., et. al.	Facing the future: five alternatives for Mammoth Lakes.	UCLA Space Science Center Inst. of Geophysics and Planetary Physics Los Angeles, CA. 90024
Perrine, R. L., et. al.	Water quality in Shadow Creek and Mammoth Creek.	UCLA Space Science Center Inst. of Geophysics and Planetary Physics Los Angeles, CA. 90024
Perrine, R. L., et. al.	Water quality in the wilderness and the developed areas around Mammoth.	UCLA Space Science Center Inst. of Geophysics and Planetary Physics Los Angeles, CA. 90024
Roberts, George C.	Pollution of water by zinc-based toilet chemicals.	INCA-One Corporation 959 West Hyde Park Blvd. Inglewood, CA. 90302
Sebastian, Manuel and Rod MacDonald	Water quality research	Water Pollution Abatement Team U.S.D.A. Forest Service Inyo National Forest 2957 Birch St. Bishop, CA. 93514

WATER QUALITY (continued)

Sharp, John V. A.	Truckee River water quality monitoring program.	Center for Water Resources Research Desert Research Inst. University of Nevada Reno, Nevada 89057
Skau, C. M.	A study of the effects of watershed characteristics and land-use practices upon organic water quality and suspended sediment production.	Renewable Natural Res. College of Agriculture University of Nevada Reno, Nevada 89057
Vinyard, William	Water pollution and carrying capacity of the Rae Lakes Basin, Sequoia-Kings Canyon National Parks.	Dept. of Biology Humboldt State University Arcata, CA. 95521
	Lake Davis basin water quality investigations, Plumas County.	Dept. of Water Resources State of California Sacramento, CA.
	Water quality survey--Middle Fork of the Feather River.	Environmental Protection Agency San Francisco, CA.

WILDERNESS RECREATION

Absher, Ellen Bodamer	The characteristics, values and management preferences of Sierra Club Wilderness Outing participants.	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
Absher, James D.	Response of others to Sierra Club Wilderness Outings.	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
Boyd, Gordon	Plan for the management of back-country use: Sequoia-Kings Canyon National Parks.	U.S.D.I., National Park Service Sequoia-Kings Canyon Ash Mountain Three Rivers, CA. 93271
Clark, Mrs. John	Wilderness user perceptions.	103 El Nido Road Portola Valley, CA. 94025
Cooke, Douglas B.	The perceived environment of wilderness in Kings Canyon National Park.	Dept. of Geography University of Cincinnati Cincinnati, Ohio 45221
Cooke, Douglas B.	Wilderness questionnaire, Kings Canyon National Park.	Dept. of Geography University of Cincinnati Cincinnati, Ohio 45221

WILDERNESS RECREATION (continued)

Cunningham, A. Blaine and Kenneth Chilman	Determining visitor perceptions as part of a wilderness area management planning system (Minarets Wilderness).	School of Forestry University of Missouri Columbia, Missouri
Davilla, William	Firewood consumption by wilderness outing groups.	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
Eaton, Bill	The impact of human usage on a high Sierra lake system (study proposal).	Joint Science Depts. Claremont Colleges Claremont, CA. 91711
Elsner, Gary H.	A computerized system for summarizing wilderness permit information.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701
Harvey, H. T. and P. J. Hartesveldt	The effects of human recreational activities on wilderness ecosystems.	Sierra Club Outing Committee Sierra Club 1050 Mills Tower 220 Bush Street San Francisco, CA. 94104
Holmes, Dan, et. al.	Survey of backcountry campsites in Yosemite National Park.	Conservation of Natural Resources University of California Berkeley, CA. 94720
Jonté, Diane and Manuel Aguilar	A study of Sierra backpackers (Mt. Whitney Trail).	University of California Santa Cruz, CA.
Lee, Robert	Sociological study of Yosemite backcountry.	School of Forestry and Conservation University of California Berkeley, CA. 94720
Lucas, Robert C.	Desolation Valley wilderness users.	U.S.D.A., Forest Service Intermountain Forest and Range Expt. Sta. Forestry Sciences Laboratory Univ. of Montana Campus Drawer G Missoula, Montana 59801
Magill, Arthur	Five California campgrounds....conditions improve after five years' recreational use.	U.S.D.A., Forest Service Pacific Southwest Forest and Range Expt. Sta. P. O. Box 245 Berkeley, CA. 94701

WILDERNESS RECREATION (continued)

McEvoy, James	Recreational attitude studies, Lake Tahoe region.	Inst. of Governmental Affairs University of California Davis, CA. 95616
McMasters, Paula	Mt. Whitney Trail: site and user study.	U.S.D.A., Forest Service Inyo National Forest 2957 Birch St. Bishop, CA. 93514
Reeves, Harry	An investigation of human disposal and water quality in wilderness areas (Sabrina Basin).	Dept. of Biological Sci. San Jose State University San Jose, CA. 95192
Saladino, C. S. III	Recreation potential of the Truckee River basin from Lake Tahoe to Pyramid Lake.	Div. of Renewable Natural Resources University of Nevada Reno, Nevada 89507
Sherman, Robert J., et. al.	Impact of backpackers on the Sierra Nevada (Desolation Wilderness Area).	Sonoma State College Rohnert Park, CA.
Stankey, George H.	Desolation Valley Wilderness user.	U.S.D.A., Forest Service Intermountain Forest and Range Expt. Sta. Forestry Sciences Lab. Univ. of Montana Campus Drawer G Missoula, Montana 59801
Stanley, John T.	Potential human impact problems in the Mineral King area.	P. O. Box 419 Boulder Creek, CA. 95006
Walker, G.	Observations on fishing use and recreation activities in Desolation Valley Wilderness Area.	California Dept. of Fish and Game Region 2 1101 Jedsmith Drive Sacramento, CA. 95819
Wheeler, Jean Dykema	Ecological impact of camping upon the southern Sierra Nevada.	University of California Los Angeles, CA.
	Master Plan: Sequoia-Kings Canyon National Parks.	U.S.D.I., National Park Service Sequoia-Kings Canyon Ash Mountain Three Rivers, CA. 93271
	Recreation use statistics, 1970.	U.S.D.A., Forest Service Inyo and Sierra National Forests 1130 "O" Street Fresno, CA. 93726

WILDERNESS RECREATION (continued)

Visitation statistics, Yosemite National Park, 1971.	U.S.D.I., National Park Service San Francisco, CA.
Wilderness permit data, 1972.	U.S.D.A., Forest Service 630 Sansome St. San Francisco, CA. 94111